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August 24, 2010

Mr. Gary Greulich New Jersey Department of Environmental Protection Northern Regional Office 7 Ridgedale Avenue Cedar Knolls, NJ 07927

RE:

Remedial Action Progress Report No. 4 for the Industrial #1 Redevelopment Area Portion of the Former General Motors Linden Assembly Plant, 1016 West Edgar Road, Linden, Union County, New Jersey 07036; DUK059.701.0018.

Dear Mr. Greulich:

On May 28, 2009, the New Jersey Department of Environmental Protection (NJDEP) approved the New Jersey Remedial Action Workplan and RCRA Corrective Measures Proposal Addendum No. 2 (RAWP) for the Industrial #1 Redevelopment Area of the Former GM Linden Assembly Plant (Site; SRP PI# 014755; EA ID# SUB090001; BFO File Number: 20-09-24). The May 26, 2009 approval letter requested Remedial Action Progress Report for the Industrial #1 Redevelopment Area on/by November 30, 2009. Subsequent reports are submitted on a quarterly basis.

This letter constitutes Remedial Action Progress Report No. 4 for the Industrial #1 Redevelopment Area. Hull & Associates, Inc. (Hull) has prepared this report on behalf of Linden Development LLC (Linden Development) to summarize remedial activities completed on the Site between June 1 and August 31, 2010.

Requirements, according to N.J.A.C. 7:26E-6.6, are shown below in **bold italics**, with Hull/Linden Development's update following. The report certification required by N.J.A.C. 7:26E-1.5 is included in Attachment A.

- 1. NJDEP requires a description of each planned remedial action
 - i. scheduled to be initiated or completed within the reporting period
 - ii. actually initiated or completed during the reporting period; and
 - iii. scheduled but not initiated or not completed during the reporting period, including the reasons for the noncompliance with the approved schedule.

Soil

As outlined in the approved RAWP, the remedial activities for soils on the Industrial #1 Redevelopment Area include consist of the following:

- a. Establishing deed restrictions or environmental covenants to maintain commercial/industrial land use at the Site;
- b. Regrading the site to achieve the grade necessary to support the proposed redevelopment;

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- Constructing building slabs, parking areas and roadways and placing one foot
 of clean soil over geotextile fabric in future greenspaces to preclude direct
 contact exposures to future receptor populations and/or provide cover to
 historical fill material; and
- d. Surveying to demonstrate that all areas are covered with engineering controls (e.g., building slabs, parking areas and roadways) or one foot of clean soil.

These remedial activities are directly related to construction activities associated with the future redevelopment at the Site which are dependent upon finalization of agreements with end users. Linden Development has been working throughout the reporting period to establish agreements with end users to ultimately occupy various portions of the Site. Given that end user agreements have not been finalized, the construction activities described in the RAWP have not yet been initiated.

During the reporting period, Linden Development imported structural fill materials from offsite sources for use during the redevelopment consistent with the RAWP and the Revised Soil and Concrete Reuse Proposal (Revision 1.0) approved by NJDEP. Materials imported prior to and during the reporting period are summarized in Table 1.

Groundwater

The RAWP for the Industrial #1 Redevelopment Area was limited to soils. Groundwater actions, if any, are related to resolution of the disputed groundwater issue between the Site and neighboring Merck Pharmaceutical facility. Evaluation of the disputed groundwater issue is ongoing.

Storm Sewer (AOI-18)

Remedial activities associated with AOI-18 are complete, as documented in Remedial Action Progress Report No. 1 (November 2009).

2. NJDEP requires discussion of problems and delays in the implementation of the RAWP, which should include proposals for corrections.

As discussed above, remedial activities are directly related to construction activities associated with the future redevelopment at the Site which are dependent upon finalization of agreements with end users. Given current economic conditions, the construction activities described in the RAWP will not be implemented until redevelopment deals with end users are finalized.

Linden Development is continuing to pursue agreements with end users for the Industrial #1 Redevelopment Area. In the interim, conditions at the Site are stable given that GM's original cover types (asphalt, building pads, etc.) remain intact.

3. NJDEP requires proposals for a deviation from, or modification to, the approved RAWP.

No deviations from, or modifications to, the approved RAWP are planned or required at this time.

4. NJDEP requires submittal of a revised schedule pursuant to N.J.A.C. 7:26E-6.5, to reflect the changes as noted in 1 through 3 above.

As noted above, establishment of agreements with end users is the driving force behind the redevelopment of the Site and implementation of the RAWP. Linden Development continues to pursue agreements with end users and will provide updates in subsequent quarterly reports. The next progress report is scheduled to be submitted on or before November 30, 2010.

5. NJDEP requires an updated status of all permit applications relative to the critical path schedule.

The permits required for initiation of the remedial activities are summarized below.

Permit/Approval Type	Status	Notes
Planning Board Approval	Approved 11/17/08	Site plan approved by City of Linden Planning Board
NPDES Permit (Storm Water)	Approved 9/16/09	NPDES Permit No. 0088323
Soil Conservation District	Approved 9/16/09	Approved by Somerset-Union Conservation District

6. NJDEP requires a listing of each remedial action to be performed during the next reporting period.

No remedial activities are scheduled during the next reporting period. As noted above, establishment of agreements with end users is the driving force behind the redevelopment of the Site and implementation of the RAWP. Linden Development continues to pursue agreements with end users and will provide updates in subsequent quarterly reports. The next progress report is scheduled to be submitted on or before November 30, 2010.

- 7. NJDEP requires costs of each remedial action
 - i. Annual summary of all remedial action costs incurred to date; and
 - ii. Revised cost estimate for remedial actions remaining to be performed.

Given that significant construction and remedial implementation has not yet commenced, no remedial costs have been accrued, with the exception of minor costs for the storm sewer cleaning (i.e., approximately \$7,000).

The cost estimate for completing remedial activities remains consistent with that presented in the RAWP (i.e., approximately \$11,900,000 for earthwork and construction of engineering controls):

8. NJDEP requires a tabulation of sampling results (according to N.J.A.C. 7:26E-3.13(c)3) received during the reporting period and a summary of the data and any conclusions, presented in a format consistent with N.J.A.C. 7:26E-4.8.

During the reporting period, Linden Development imported structural fill materials from offsite sources for use during the redevelopment consistent with the RAWP and the Revised Mr. Gary Greulich August 24, 2010 DUK059.701.0018 Page 4

, Soil and Concrete Reuse Proposal (Revision 1.0) approved by NJDEP. Soil analytical results associated with the materials imported during this reporting period are tabulated in Attachment B.

- 9. NJDEP requires a summary of active groundwater remedial actions
 - i. groundwater elevation maps with groundwater flow shown immediately before and during active groundwater remediation;
 - ii. graphs depicting changes in concentrations over time for all impacted wells as well as all down-gradient wells;
 - iii. summary of volume of water treated since last reporting period and the total volume treated since active remedial action commenced; and
 - iv. Summary of groundwater contamination, indicating either that contamination remains above applicable standards (include a proposal detailing additional remedial actions) or that concentrations are below applicable standards.

The RAWP for the Industrial #1 Redevelopment Area was limited to soils only. Therefore, this section is not applicable.

- 10. NJDEP requires a summary of natural remediation groundwater remedial actions
 - i. Summary table of the groundwater monitoring results collected; and
 - ii. Conclusions whether data indicate that natural remediation is no longer appropriate (must then also submit a revised RAWP)

The RAWP for the Industrial #1 Redevelopment Area was limited to soils only. Therefore, this section is not applicable.

- 11. NJDEP requires a description of all wastes generated as a result of the remedial action
 - i. Tabulation of waste characterization samples collected, including the physical state of the material, volume, number of samples, analyses performed and results;
 - ii. Listing of types and quantities of waste generated by the remedial action during the reporting period as well as to date;
 - iii. Name of the disposal facility used;
 - iv. Transporters' dates of disposal; and
 - v. Manifest numbers of each waste shipment.

No wastes were generated during the reporting period.

12. NJDEP requires that any additional support documentation that is available also be provided (photos, etc.).

Given that the majority of the remedial activities have not yet been implemented, no additional support documentation is available.

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The next scheduled remedial action progress report will include remedial actions completed between August 31, 2010 and November 30, 2010. Please feel free to contact Bill Dennis at (412) 828-4988 with any questions regarding the update provided herein.

Sincerely,

Bill Dennis

Senior Project Manager

Attachments

ct:

Gordon Adkison – Linden Development, LLC Clifford Ng – U.S. EPA Region 2

TABLES

LINDEN DEVELOPMENT LLC SITE (FORMER GM LINDEN ASSEMBLY PLANT) 1016 WEST EDGAR ROAD, LINDEN, NJ QUARTERLY REPORT NO. 4 - INDUSTRIAL NO. 1 REDEVELOPMENT AREA

TABLE 1 SUMMARY OF FILL MATERIALS IMPORTED AS OF AUGUST 2010

Import Date	Source	Supplier	Quantity	Material Type	Anticipated Site Use
Soils and Crus	hed Concrete - Imported Prior to Current	Reporting Period			
Pre-February 2010	City of Rahway, NJ - Former firing range soil stockpile	City of Rahway, NJ	800 cy	Soils	Structural fill to be covered by engineering controls
Pre-February 2010	City of Linden, NJ - 2300 S. Wood Street - soil stockpile from City's Parks Dept.	City of Linden, NJ	2,865 cy	Soils	Structural fill to be covered by engineering controls
April / May 2010	New 121st, Police Precinct -970 Sanders Street, Staten Island, NY - excess soils from construction project	Pure Earth, Inc.	2,973 cy	Soils	Structural fill to be covered by engineering controls
April / May 2010	Newark Public Schools Stadium - excess soils from construction project	AWT Environmental Services, Inc.	3,397 cy	Soils	Structural fill to be covered by engineering controls
May 2010	Newark Brick Tower - Residential Tower Demolition - processed backfill material	DEMREX and Altchem Environmental	15,680 cy	Soils/Crushed Concrete	Structural fill to be covered by engineering controls
		Subtotal:	25,715 cy		
Solls and Crus	hed Concrete - Imported During Current R	eporting Period		*	
June 2010	New 121st. Police Precinct -970 Sanders Street, Staten Island, NY - excess soils from construction project	Pure Earth, Inc.	1,178 cy	Soils	Structural fill to be covered by engineering controls
July 2010	New 121st. Police Precinct -970 Sanders Street, Staten Island, NY - excess soils from construction project	Pure Earth, Inc.	1,516 cy	Soils	Structural fill to be covered by engineering controls
June 2010	City of Linden, NJ - Library Site - excess soils from construction project	City of Linden, NJ	2,300 cy	Soils	Structural fill to be covered by engineering controls
		Subtotal:	4,994 cy		
•	Total for Soils and Crushe	d Concrete Imported to Date:	30,709 cy		
Asphalt Milling	s - Imported Prior to Current Reporting Pe	riod		L	
	City of Linden, NJ - Residential Streets - asphalt millings	City of Linden, NJ	1,434 cy	Asphalt Millings	Subgrade material for future paved areas
		Subtotal:	1,434 cy		
Asphalt Milling	s - Imported During Current Reporting Pe	riod		J	
NA	None during current reporting period	NA	0		
		Subtotal:	0 су		
	Total for Asph	alt Millings Imported to Date:	1,434 cy		

ATTACHMENT A

Report Certification

Certification

Linden Development, LLC ISRA Case Number E20040531

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, to the best of my knowledge the submitted information is true, accurate and complete. I am aware that there are significant civil penalties for knowingly submitting false, inaccurate or incomplete information and that I am committing a crime of the fourth degree if I make a written false statement which I do not believe to be true. I am also aware that if I knowingly direct or authorize the violation of N.J.S.A. 13:1K-6 et seq., I am personally liable for the penalties set forth at N.J.S.A. 13:1K-13.

Date: 8/18/10

Linden Development, LLC

Ву:

William J. DeBoer, Executive V.P.

Sworn to and subscribed to before

day

Votary

Deena E. Griest Notary Public-State of Ohio My Commission Expires May 29, 2012

ATTACHMENT B

Analytical Results for Samples of Fill Material Imported During this Reporting Period

New 121st Police Precinct - 970 Sanders Street, Staten Island, NY Excess Soils from Construction Project Table B-1 - Summary of Analytical Results (Detected Analytes Only)

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Potassium	PPM	7440-09-7	1780	\top	NT	\dashv	1690	$\overline{}$	NT	77	1140	\top	NT	П	1170	\top	NT	T	1270	П	NT		1150	П	NT		1260		NT		972		2	
Sodium	PPM	7440-23-5	265		NT	$\neg \neg$	206		NT		232	\top	NT	T-T-	274	\top	NT		224	П	NT		313	$\Box \Box$	NT		679	\perp	NT		332		N	
Vanadium	PPM	7440-62-2	22.9		NT	\dashv	21.6	11-	NT		18.8	11	NT	П	14.5	\top	NT		16.4		NT	Т	17.4	П	NT		18.1	I	NT		13.5		N	
Zinc	РРМ	7440-66-6			NT	\dashv	31.4	11	NT	1-1-	62.1	11	NT	1-1-	24.7	11	NT		21.6		NT	-	30.6	П	NT		26	\Box	, NT		20.8		N	f
Wet Chemistry	p	,																				_												
Chromium, Trivalent	ГРРМ	16065-83-1	15.2		NT	777	10.9		ŇT	1 1	18.2	1 1	NT		8.8	TT	NT	1 1	9.34	П	NT I	丁	9.19	1	NT		9,64		NT		8.41	- 1	N	îΤ
	wt%	10003-03-1	13.2		14.5	┯	10.9	++-	15.2	+ +-	15.5	++	9.41	+-+-	13.6	++	11.5	++-	14.5	\vdash	17	_†	9.63	\vdash	16	+-+	13.2	\top	13.7		13	\neg	12	
Percent Moisture		 	7.95			┵	8.09	H	NT	+	7.92	141	NT NT	++-	7.98	н	NT NT	1		H	- 'n	+	8.35	\vdash	NT	-+	6.85	\neg	NT.		7.68	\neg	N	
pri	pH Uni	9	1 7.95		IN I	\perp	6.09	Iu]	141		1.32	117	(41)	سلسل	1,50	1	141	ш.		111		_	0.00				0.00							
TCLP Metals												+ +			0.00		NET	, , , , , , , , , , , , , , , , , , , 	0.010 1		N ý	_	0.041	_	KIT	7 7	0.993	- 1	NT		0.842		N	
Barium	PPM	7440-39-3			NT	44	0.964	+	NT	+ +-	0.912	+	NT	₩	0.83		NT	++.	0.938	ŀ. }-	NT	+	0.941	╌	NT NT	+				+	0.0082		N.	
Lead	PPM	7439-92-1	0,731		NT		0.0681	\perp	NT	1.1.	0.12	44	NT	<u> </u>	0.0329	11	NT	\perp	0.00598	J	ΝT		0.139	44	NT		0.056		NT		0.0082	o I J	N.	حلحث

- Notes:
 C Calibration %RSD/%D exceeded for non-COC analytes
 H Holding times for preparation or analysis exceeded
 NT Not tested
 U Indicates that the compound was analyzed but not detected
 B Analyte detected in the associated in the method blank
 J Analyte detected below quanitation limits

AUGUST 2010 DUK059.701.0003,XLS

New 121st Polico Precinct - 970 Sanders Street, Staten Island, NY Excess Soils from Construction Project Table B-1 - Summary of Analytical Results (Detected Analytes Only)

												,							
Tale Calleging The Committee	1969	Sample ID	TP-9C%				c/s.TP-10G (1.5)	學學等語語	4、高级更强强。	#9740%p39% 3	的學學的學問。所	。 据在《神机·神流》	STREET, STREET, ST	STANDARD ST	明典 重庆的	(1979年8月3日 1874年)	自己的证据的	" DEVELOP IN	34 M. 75 35
	1900	Sample Date			4/2009			Personal Property	A CHARLEST IN	是的是是由东西。由	性 经减少的分类	"学得从现代学程。并	BANK AL	STEEL STEEL ST	CONTRACTOR OF	145500分類用以	and the property of the	是是其實的	##25年2年194
St. C. A. Analyte 2 18/8	Units	.∞4CnsNo 👙	等源于1994年	Q Albert	T. V. T. 16 1	Q SERVE AND	O WART BESC C	PATER BELLEVI	L STEERER BRIDE	到你的人的程	2. 经通过证据	可用用用用 3	C 为数据的数据 S	STREET, ST.	人名法拉斯斯斯	非国图图图	SE PROPERTY AT	THE AMERICAN PLA	然為學及發展等
VOCs								的是自然是中國的特別	E STREET TOP	मामणात्रकः ।वर	是是可用的特別	ALANSK FRANKE	STATE STATE OF THE	SPRINGE PERM	A TAKEN LINE AND LINES.	i do no prigitalité.	Literal March Sec. Landers	理學學生學是被	CALCANAGE N
Acetone	PPB	67-64-1	NT		5.7	U NT	5.6 L	科尔特尔拉格	人名前を開発されて	Vigiration to		电视器处理	こうている 深水が、形	克尔姆·马尔 亚	15 16 15 15 E	655 954 4	who hadare to be	all cine m	
Methylene chloride	PPB	75-09-2	TN	<u> </u>	22	B NT	18 B	3位100000000	(1) 在10年(10年)	社会の意味の	2. 10 20 39 34 44 54 74	特別地區 數	THE PROPERTY.	都開始的	SERVEY SELVE	1. 3800 医医皮肤 18)治疗病的治疗	発力に対さい	5. 国际联系统
SVOCs								活的现在分词地	。 南部中国南部	2)外的基本的数		。在社会和国际中的	A SECURIOR SERVICE	1450年中华5年1	国研究学研究	MACHEN WAS IN	动力动物类类	firm and the	
2-Methylnaphthalene	PPB	91-57-6	130		ΝT	270	U NT	TRANSPORT #	是政党等等 经	ANTENNA A		从中央研究的	1 经原金的	15770年前中	光光 表指语句 医	完成50名。中国有	· 下户进行公司	"自然是这种特别。 15	HI AHLY DISS
Acenaphthene	PPB	83-32-9	130		NT	70	J NT	机运用医精炼程	1. 海路路线由西方后,各	是为自由的法则或	門。的技術的認識的	,也有现代中部。 本	计可以相对编码。	佛的诗与精神 中	。 中国 的 种 的 中	大学生活的中国	1439年代日	企业的经济	是和解析學的
Acenaphthylene	PPB	208-96-8	130		NT	270	U NT	日本的情報的特別	(学売が発売を	有的图像和ARP 多	位于10年11日1日	。 电阻时间线阻挡	· 外别根据的物。44	他共和国政治实际	"相比"。第二章	Transcript Co	ないと言葉を	使用的特殊 學	新疆中国大学的 。
Anthracene	PPB	120-12-7	130		NT	260	J NT	BANKARA E	建筑的企业的	語を記念を言い	计划的数据的数据	计划对象的操作业	。 新聞的 的 第	· 保险的的证据的 M	为的发现的发现 的	对社会的现在 。	医生生 医乳毒素	国在美术社会员 田	常の記録を紹介の
Benzo(a)anthracene	PPB	56-55-3	130		NT	670	NT	深地的 机克拉拉克	"在新疆的大部门"	会に対抗性ない。	s primanental m	"新城"等的	E 海路市场和1985年12	是排斥机构等	文的外面的 对	《风观动观风游》	世的原理 的现在分词	的經濟學的學	1657285年第一个
Benzo(a)pyrene	PPB	50-32-8	130		NT	530	NT	353 ASSESSED	为的特别的协 员	计图的数据 地名	发现的现在分词	国建筑成绩 在)中的海中岛中央	是 1983年1984年	38 美国经验的	建一种,中国发展	公司制度 经	特别的大学	STANKE SEE
Benzo(b)fluoranthene	PPB	205-99-2	130		NT .	660	NT	自國的 湖南	(1) 的现在分词	美国医河豚	,包括中央的	1 诗期的独杂音	中华中国国的中华中	经济等的	る語を作る場合	THE PERSON AND THE PERSON	是 No. 4 550 20 10	M. Carlotte	1. 40 A 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
Benzo(g,h,i)perylene	PPB	191-24-2	130		NT	320	NT	公司	。 注意或数据表现。 21	新的是5世纪1011 C	下程下部的第三日	第二次的大學的學科	1.14年2月2日1日	第四次2条 5代,有	ただいいます。	अद्भारतात्रा द्व	95.12 APPENDED	変化を内容を記	SERVING SA
Benzo(k)fluoranthene	PPB	207-08-9	130		NT	290	NT	等但這種的	enatericant Li	manual lines	对。这种种的	155 W. 154 W	THE WAR DICK	"纳恩"是"无"是	EDITO OF THE	antheones, an	特别(新洲海岸)	5.44 WES 20 4 10.	。
Bis(2-ethylhexyl)phthalate	PPB	117-81-7	34		NT		U NT	まななない。	学校系表示	45.350353355 E	S-3-27-1220 12	SENSORS S	a stemanter o	でとはたことが	维罗森斯图图 张	THE PLANTAGE TO	Malantin A	BET REAL ST	原於如果的是一个 。
Butyl benzyl phthalate	PPB	85-68-7	130		NT		U NT	MORE TENDER OF	SHEISTER M	运动图32m20400 克	PAGE PAGE 2	STATE STATE OF	广岛的部分。 为	创建的"对数的	ALCOHOLD BANK	斯勒斯斯斯 斯	产品的 现代 经	\$P\$\$P\$[254][2][4][4][4][4][4][4][4][4][4][4][4][4][4]	(C) 1976 14 164 187
Carbazole	PPB	86-74-8	130		NT		J NT	ROFF HARRY	为国际农村 设置	YARRIAN CHURCH	S STEERSHEET LE	一种种的知识的	2 3030000000000000	THE TANKE IN	。影响主席。其	经国际股份	探告系统的证据 標	常的的复数形式	CALACTE CONT.
Chrysene	PPB	218-01-9	130		NT T	620	NT	THE MANAGES OF	HARETHE H	Hillotta in his	山川原州的特別。由	不是他的社会	8. 1807 建制化等的设计器	Experience Au	the street we at	三百年代 建化	电磁电阻 经营销	经的现在分词。	网络联络斯 伊亚伊
Dibenzo(a,h)anthracene	PPB	53-70-3	130		NT		J NT	(物質的性質)	SOUTH WATER	进程的2007年2007年	Little Might. Wi	CHAPAUMAT I	。 12. 第2. 20. 20. 20. 20. 20. 20. 20. 20. 20. 2	CONTRACTOR IN	至於10種的人。18	3個美物語為	华州周阳1028 20	William St.	2006年11日
Diethyl phthalate	PPB	84-66-2	130		NT		U NT	は、必要などが	MALESCATION TO	语句描述的模型 爭	9. 经特别的证据证据	3年6月年6月日日 中	全国共和国的	产以低级的	DESCRIPTION OF	を言うない。ま	William States	海南京大大大河南	of the Bureling
Di-n-butyl phthalate	PPB	84-74-2	130		NT		U NT	20年1年4月1日	(中的400mm) (4)	4245712000000	· 克斯斯斯 都	。 名词名及 ARNOPASE 18	1 (9-7/8/16/92/52/-15	·是4/4/4/2017 图	10.848.00.971	WAR 3000 100	治以下海地 。	表现50天中。至 4 0年7月	大型性學生物學
Fluoranthene	PPB	206-44-0	22		NT	1700	NT	रूप साम्बद्धान्त्र । १	学校研究需要是人	建設計 法保护	्यात्रमस्य ५४५% वर्षे	至今600世代66年	4 被某些的 (B)(5) (B)	郑华社元州中 4	12 20 1 Total	学是是是2017年	有异种类的		是在30代码。今天
Fluorene	PPB	86-73-7	130		NT		J NT	AMMADITURE TO	ない。	は他の思想を対し	自己是他的图像	通性效应均率 至	是"大學的學程"的"就	的特殊學學學	がんなのからい	MICHELIAN S.	(5次)类"6、"4、25	有型性病的 A	IBE OF BUILDING
Indeno(1,2,3-c,d)pyrene	PPB	193-39-5	130		NT	410	NT	2000/00/2422	PROBLEM 3	Advanced Their to	f - 42.25.36 37.	。 2011年 88周年春	i i ministrativa	1997 57 6 15 11 St	は他である。	1047 1, HALON 17	Tr., W. Colored His	対がた ごたってき	ははないないがいい
Naphthalene	PPB	91-20-3	130		NT		U NT	1.297855402 x	可能性的7年767 到1	A 7 1,20 4 15 4	Company of the same	, इस क्षेत्रभटावसङ्	14-1-14-14-1	ジェアビサッドキ キ	are their seems to	PACKED BY M	169, 694,51-50 325	Charles at 12	40.000000000000000000000000000000000000
Phenanthrene	PPB	85-01-8	130		NT	1100	NT	GOLERANDA N	ENECHACIN OF	AFRAGAGAGA .	A STATE OF THE PARTY OF	MUNICIPAL PR	SAME TARREST CH	Charleson 25	CHAPTER TO	1 157 C - 20 154 15	RESERVED A	HEALT SOME IN	13 16 57 65 1E 65
Pyrene	PPB	129-00-0	130	U	NT	1100	NT	CHERRIAN N	BUT WAS IN	中华北京的城市	一种种种种种	thing things to	ENTERING TO	神學等等	APRICES CALLED SO	Suggest at the			推出的 推翻的LESS
Pesticides	IDDD.	70.54.0					1 1	167507 (1576) (1676)	(Transporter of the Control of the	The State of the State of the		MET ARE THE TRACE THE	PERME CALL	at . 18. 1. 1895, 24s	1995 12 1925 AN	Market Page 19 to 1	医阿尔特氏性神经病的	2019 PR. 1157 LOV	March of March 1981
4.4 -DDD 4.4 -DDE	PPB	72-54-8 72-55-9	6.1 1.8		NT NT	3.7 6.5	NT NT	CARLANDONE G	Lara with V	SANCTON RELIGIO	E CHOOLES INC. TO	CONTRACTOR OF STREET	1. 原籍的 10. 10. 10. 10. 10. 10. 10. 10. 10. 10.	TOTAL TOTAL TO	10.1024-021 E	MENTAL STATE OF	404 (05005) (190 100) (605) (190 100)	GIR BUTTOR D	Darbareter St
4.4 -DDT	PPB	50-29-3	4.1		NT	20	NT NT	VIII SEEDE I	\$75/\$65-586 TA	The Parish C	SHIP PROPERTY	727 5 30 186 13	100 TEXAS 100	12.545,665,73	- 3.Ca. F. St. (5)	STATE OF BUILDING	The Knight by	M. S. C. Phys. 5 (1)	Western States
	PPB	5103-71-9	2,2		NT		J TN L	1020000040	Section States in	ALAMAGE COM C	98/385386 2	4.254655306	18 14 15 17 15	TO THE TO G	Factor Audio at	SOUTH BEST P.	AL 63/3/201/2014/	70 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	5,4646, 3.3. 645
alpha-Chlordane gamma-Chlordane	PPB	5103-71-9	2.2		NT		J NI	Warschie C	But had to	AGE TO LEE W	2,000,000,000,000	The control of	CAMADRO!	22 - 1 B - 4 VA	39 2 60 6 5 5 50	torner or	245.02 X 25.0 dr	Androden Salar Val	21-2-4/20 -4/20 2
Metals	FF6	3103-74-2	2,2	I o l	N1	1.4	131 141			PROMINE STATE	Participation of the	76%1844.0.764	HARREST TOPE TO	58 50 FEED 10	200 Cross (100	Witness Act	ME OF THE PARTY	Contract Contracts in	105/20 (Sec.)
	PPM	7429-90-5	10200	1	NT I	8480	I IN I	SAISTE MATERI	eversately and			MANAGEMENT AND	SERVINE NO. 7.	35 275 45 45 1 C	7778957891	92527792727	1774 - C C 172	CERLEGE TH	9.5.7.7. Taylor
Aluminum	PPM	7440-38-2	4,52		NT T	4.47	NT NT	254119E'3 E	THEOLOGICAL DI	Maria Partier X Sala destal en la	2 MACHEMANITA DE PROMOTEM M	* 6 % E & B	(株代の新年2月77日 72 (株代の新年2月77日 77	VACCOUNTS 1	2.22 ml July 150	265-19-48/51 de	37 67 55 50 2	SHIPS NOW A	754700000
Arsenic	PPM	7440-38-2	50.7		NT T	56	NT NT	743 4855 S	17558 = V.S.	1151-30.74 45	235341361A	101,010140161 A	9.5975/5 " \7 5	M. 1. A. 2.	West Marie	6 . G () () ()	69. 20.000.00	2753-29-19-19	10.10.000
Barium Calcium	PPM	7440-39-3	1020		NT	6350	 N †	625300-534-53	The Same of the	100/10/20/2003	SERVINER W	SPAN MARKET	San Mary In	UNICHES, NO. 1	(900) 345	Market British Sec.	h het mer i the	@50535.6E7 55	2.74067-31 V
Chromium	PPM	7440-70-2	15.5		NT T	40.4	NT NT	7.9690000	SWARMS COM A	UNGERIES OF T	E ELACTICA DIS ST	ON CHORDING A	125 1050 MP 41 17	55 to Snag 1 %	ASSESSMENT AF	the Carrier	615/09% (000% 03	He had to the state of	n. nedwara
Cobalt	PPM	7440-47-3	0.42		NT	1.04	NT NT	Market Comment	4 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	22224451	1 45 a 3 5 5 1 4 5 . C .	CERTAGRAPH A	1000001 010 0	0.257044784	5 2 2 2 2 2 2	SCHWERT IN	8234423406 63	25.40.70.94 76	SEVERIFIED S
Copper	PPM	7440-50-8	15.7		NT	25.8	NT NT	3.4807.585.538.33 N	REES IN	157.28715147 To	Wishington in	S424 mid 24 C	UNITAL COLOR	122 SEC 1 5 SEC 2	674 W. C.	SERVED TO IN	1-1-0424 CO 16	2000 3000 07	HOMENDER AS
Iron	PPM	7439-89-6	16400		NT	14800	NT T	RESILEMENT &	STUDENS TO	5373361	1 85 65 5 15 13 14	20 3 mass 0	\$1.85 F. 7384 T.	B U fatio 31	W-025-8-018-6-36	SOUTH FOR SE	1724-173-17	307.572.5	ALAEST VALUE
Lead	PPM	7439-92-1	15.2		NT	50.3	NT NT	A Partition	WASHINGTON TO	ENERGIA CAR N	168741640464 He	PUNUMBER 18	THE WATER AF	# 644 C 4 19	VENASTABILITY	**************************************	es greater in	3255 Ltr '6 14	new track in
Magnesium	PPM	7439-95-4	3010		NT	5260	NT	7.5218.53	144 SER 244 D	THE OF CAR	1254 1 DOM: CH	ECHARCATORY TO	TV 53 9 7 7	X.44, 4350, 77 C.	*E.340, U.A. 64	90 7854 a	Sec. 25.5	STATE OF BUILDING	VARE THE BROOM
Manganese	PPM	7439-96-5	365		NT	225	NT I	Maria Maria	HILANGER BELLEVIE	E TABLEMAN IN		C. The St. Call	2000 A 78	9457988	77天法17世生生	Section of the	WHEN THE W	Marchantella de	V. 10-114-11945 E.V
Mercury	PPM	7439-97-6	0.0213		NT	0.0633	NT	The Charles	WARRANGE OF	WALLE WASTE	APSTUNE.	STATE PRINTED	五個五個一門也	MONTHOU OF	200年: July 30	L. 7. 7745 3 5 5	112-2126 140	Canari Sale of	Mary Later States
Nickel	PPM	7440-02-0	13.1		NT	78.5	NT NT	OND STREET, OF	BURE CONTRACT	PERSONAL PROPERTY	200 Per 1975 Per	65 (30°00) (L056)	SUPPRINCES 12	19984835	A. C. G. D. J. 4	SCHOOL PHONE	F. San The House will	知识2000000000000000000000000000000000000	MURLEY THE
Potassium	PPM	7440-09-7	1720		NT	1080	NT	Kirvalale G	STANDARD WITH THE	ELATESKA SCHA, DA	CO PARTECISALS O	ACC 22.0582 %	SETTIME X 9	STUMBERS L	FROM LORES LA	TALLYS WATERS FOR	CLESSES GITT	物品の発送し	WHITE THE HIRES OF
Sodium	PPM	7440-23-5	195		NT	132	NT	DESTRUCEM O	证据的现在表面 组	TE SELECTION SEEDS	P SHAPPPY AND	引起 特殊部位为	· 在早期研究 74 AB	对方是2000年	网络阿尔特里 密	SAMPLE OF THE	WINDS COLUMN	建设在存款域内 电	managram re
Vanadium	PPM	7440-62-2	27.4		NT	22.6	NT	4620543505	CHARGACAN M	MICHAEL THE	ALEKSALALISCO UM	FATALTHER RE	HERMANN M	ALLESSO MALES	\$650 PER 12 12 12 12 12 12 12 12 12 12 12 12 12	国的常见产业及 100	5 V. ST. ST. C. 1	RETICATION IN IT.	Constitutional and
Zinc	PPM	7440-66-6	41.8	T T	NT	68.4	NT	CHAMBER WALL OF	可以图图图图 图	HAMPATAL S	44 EC 448 144 'A	edial-16665	402 64 See 18	W. Walter	Marin Berg	的保管对决 法	يك بيولو ولاه ويوانيو لا	(all farm miles Vis	所用的数据设备
Wet Chemistry						-		POSTURBLENC	986,40191661	CHEST SEED STATES	e etketenden von	02003037253925	Charles Plan	Charles Series	3382402744.7	RESELECTED IN	POLICE STRUCTS	SECTION TO SEC	THE STREET, TO
Chromium, Trivalent	РРМ	16065-83-1	15.5		NT T	40,4	NT I	CHARTEL S	Phenomene in	6983C4CDS9; 75	E STREETS OF THE	PERMITTER B	1882 15 9. 0.	#5:20.25 Te 2	H08422563.	\$28 7 CF6; 42	人口 为外的 由此	用的现在分词 化	第二条数据的
Percent Moisture	wt%		12.5		2.4	13.3	11.1	Partition and the	CHEST STATE OF	PERETRIVE SE	DE-195196 63	22TS(2027 3) 72	HITTHING, 7 29	有2000年6月	2 35 M-Apple 24	DESCRIPTION C	中世代 (38.9)[2] (5)	1807年1988年1	第5条25分割では
pН	pH Unit		6.88		NT	7.88	NT	生活用或关键。		RUMER CHARLES		HUMBHRED K	· 自然,是此意识。是	这种种类的社会	SHE SYNES 29	WE THE LO	ALTO CANADA	电影的电影	Will Works The
TCLP Metals							·	MODEL SHA	3895 2 1897 544	BEAL SEP 10年	THE SENT AVE	GULLOTT IN	TEMPORTOR	STYPHENE LOSS	25.305 De155.	980 755 PACIN	5.7 . 4 121 1754.	THE PROPERTY OF THE PARTY OF TH	9.1226 B. W. S.
Barium	PPM	7440-39-3	0.967		NT I	1.23	I NT I	temperature	No Company Po	使用的控制的 的图像	- STREET, NY	1989 (1981 VIII) 128 (1992)	(TECHNICAL CO.	THE RESERVENCE OF	व्यक्तिसम्बद्धाः स	Itselfiere	a作件(6) 智用(8)	teres, it with the	さなべかったれて かく
Lead	PPM	7439-92-1	0.033		NT	0,0718	NT	Contraction of	45478348 S	365A77.9Ac 8 4	((A) ((A) ((A	33,90,600,90	THE SAME	SAMILAND I	148 SE 186 E 80	hathadelet in it	6857571318113 #E	545 to 17 3 67 W.	S.S. CHETTALL OF
			*****						and the second section of the second	C	· · · · · · · · · · · · · · · · · · ·	*** **********************************					<u> </u>		

Notes:
C - Calibration %RSD/%D exceeded for non-COC analytes
H - Holding times for preparation or analysis exceeded
NT - Not tested
U - Indicates that the compound was analyzed but not detected
B - Analyte detected in the associated in the method blank
J - Analyte detected below quanitation limits

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City of Linden, NJ - Library Site Excess Soil from Construction Project Table B-2 - Summary of Analytical Results

Sample ID Sampling Date Sample Type	Site Specific Acceptance Criteria	STK-8-1 5/25/2010 Composite	STK-8-2 5/25/201 Composit
PCBs (ppm) Aroclor (Total)			
Arodor-1016	2	ND	0.054
Aroclor-1221	2 2	ND	ND
Aroclor-1232	2	. ND	ND ND
Aroclor-1242	2	ND	ND
Aroclor-1248	, 2	ND	ND
Aroclor-1254 Aroclor-1260	2	ND	ND
Aroclor-1260 Aroclor-1262	2	ND	0.054
Aroclor-1268	2	ND	ND
	2	ND	ND
1,1'-Biphenyl	"NA	ND	ND
1,2,4,5-Tetrachlorobenzene	NA NA	- ND	ND
2,4-Dinitrotoluene	4*	ND	ND
2,6-Dinitrotoluene 2-Chloronaphthalene	4*	ND	ND
2-Methylnaphthalene	, NA	ND	ND
2-Nitroaniline	'NA	ND	ND
3,3'-Dichlorobenzidine	NA 6*	ND	ND
3-Nitroanlline	6* NA	ND ND	ND
4-Bromophenyl-phenylether	NA NA	ND ND	DND DN
4-Chloroaniline	4,200*	ND	ND
4-Chlorophenyl-phenylether	NA	ND	ND
4-Nitroaniline Acenaphthene	NA NA	ND	ND
Acenaphthylene Acenaphthylene	100	0.44	0.14
Acetophenone	8.6	ND	ND
Anthracene	NA: 100	ND	NĐ
Atrazine	NA NA	1.2	0.32
Benzaldehyde	NA NA	ND ND	ND ND
Benzo(a)anthracene	120	4.1	0.68
Benzo[a]pyrene	71	3.7	0.55
Jenzo(b)fluoranthene Jenzo(g,h,i)perylene	. 50	5.3	0.93
lenzo[k]fluoranthene	40	2.4	0.42
is(2-Chloroethoxy)methane	86	1.8	0.21
is(2-Chloroethyl)ether	NA 3*	ND	ND
is(2-Chloroisopropyl)ether	10*	ND ND	ND ND
is(2-Ethylhexyl)phthalate	100*	0.17	ND
utylbenzylphthalate	100*	ND	ND
aprolactam arbazole	NA ·	ND	ND
hrysene	NA.	0.54	0.13
ibenzo(a,h)anthracene	120	4.3	0.64
ibenzofuran	13 NA	0.85	0.16
iethylphthalate	50*	0.21	0.087
imethylphthalate	100*	ND ND	ND
i-n-butylphthalate	100*	ND	ND ND
-n-octylphthalate	100*	ND	ND ND
uoranthene uorene	100	8.1	1.2
uorene exachlorobenzene	100	0.44	0.18
exachlorobenzene exachlorobutadiene	2.	ND	ND
exachlorocyclopentadiene	21*	ND	ND
exachloroethane	100°	ND	ND
deno(1,2,3-cd)pyrene	39	ND	ND
phorone	50*	2.2 ND	0.3
aphthalene	100	ND ND	ND ND
trobenzene	10*	ND	ND ND
Nitroso-di-n-propylamine	0.66*	ND	ND
Nitrosodiphenylamine enanthrene	100*	ND	ND
enanthrene rene	480	4.4	1.2
	100	10	1.5
tal Semi Volatile TICs	NA NA	260 J	330 J

^{* =} The lower of the NRDCSCC or IGW NA = Not Applicable ND = Not Detected

City of Linden, NJ - Library Site Excess Soil from Construction Project Table B-2 - Summary of Analytical Results

	Site		
Sample ID	Specific	STK-B-1	STK-B-2
Sampling Date	Acceptance	5/25/2010	5/25/2010
Sample Type	Criteria	Composite	Composite
PP Metals (ppm)			
Antimony		İ	
Arsenic	353	ND	ND
Barium	178	4.2	4.5
Beryllium	17,400	90	93
Cadmium	16.2	1.6	1.7
Chromium	51.4	ND	ND
Copper	247	19	19
Lead	1,500	. 25	24
Nickel	1,000	76	80
Selenium	1,170	21	19
Silver	11.7	ND	ND
Thallium	95	ND	ND
Zinc	1.8	ND	ND
Mercury	1,500	110	110
	0.85	ND	0.12
Pesticides (ppm)			ļ
Aldrin	0.17*		
Alpha-8HC	NA	ND	ND
peta-BHC	NA.	ND	ND
Chlordane	NA#	ND	ND
delta-BHC	NA NA	0.26	0.28
Dieldrin	0.18*	ND	ND
ndosulfan I	50*	ND	0.045
ndosulfan II	50*	ND	ND
ndosulfan Sulfate	NA	ND	ND
ndrin	50*	ND	ND
ndrin Aldehyde	. NA	ND	ND
ndrin Ketone	NA NA	ND	ND
amma-BHC	2.2*	ND	ND
eptachlor	0.65*	ND	ND
eptachlor Epoxide	NA NA	ND	ND
lethoxychlor	50*	ND	ND
,p'-DDD	12*	ND	ND
p'-DDE	9*	ND	ND
p'-DDT	9*	0.0058	0.0047
xaphene	0.2*	ND	ND
		ND	ND
yanide otal Phenolics	21,000*	ND	ND
The lower of the NRDCSCC	50*	ND	ND

⁼ The lower of the NRDCSCC or IGW

ND = Not Detected

NA = Not Applicable

^{# -} A guidance value was published in the NJDEP Findings and Recommendations for the Remediation of Historic Pesticide Contamination March 1999

City of Linden, NJ - Library Site Excess Soil from Construction Project Table B-2 - Summary of Analytical Results

	Site		
Sample ID Sample Date	Specific	STK-B-1	
Sample Type	Acceptance		
	Criteria	Composit	e Composi
Volatile Organic Compounds (ppm)	ļ	1	ŀ
1,1,1-Trichloroethane	ND ND	ND	NID.
1,1,2,2-Tetrachloroethane	ND	. ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	NA.	ND	ND ND
1,1,2-Trichloroethane	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND
1,2,3-Trichlorobenzene	NA.	ND	ND ND
1,2,4-Trichlorobenzene	100*	ND	ND
1,2-Dibromo-3-chloropropane	NA	ND	ND
1,2-Dibromoethane	NA	ND	ND
1,2-Dichlorobenzene 1,2-Dichloroethane	50*	ND	ND
	ND	ND	ND
1,2-Dichloropropane	43*	ND	ND
1,3-Dichlorobenzene 1,4-Dichlorobenzene	100*	ND	ND
1,4-Dioxane	100*	NĐ	ND
2-Butanone	NA	ND	ND
2-Botanone 2-Hexanone	50*	ND	ND
4-Methyl-2-pentanone	NA .	ND	ND
Acetone	50*	ND	ND
Benzene	100*	ND	ND
Bromochloromethane	1.	ND	ND
Bromodichloromethane	NA	ND	ND
Bromoform	1*	ND	ND
Bromomethane	1*	ND	ND
Carbon disulfide	1*	ND.	ND
Carbon tetrachloride	NA 1°	ND	ND
Chlorobenzene	ND	ND	ND
Chloroethane	מא	ND	ND
Chloroform	1.	ND	ND
Chloromethane	10*	ND ND	ND
is-1,2-Dichloroethene	ND ND	ND	ND
is-1,3-Dichloropropene	5*	ND	ND
yclohexane	NA NA	ND	ND ND
Dibromochloromethane	1*	ND	ND
richlorodifluoromethane	NA.	ND	ND ND
thylbenzene	100*	ND ND	ND ND
opropylbenzene	·NA	ND ND	ND
1&p-Xylenes	12*	ND I	ND
lethyl Acetate	NA	ND	ND
lethylcyclohexane	NA	ND	ND
lethylene chloride	1*	ND	ND
lethyl-t-butyl ether	. NA	ND	ND
-Xylene vrene	12*	ND	ND
,	97*	ND	ND
trachloroethene oluene	ND	ND	ND
	500*	ND	ND
ans-1,2-Dichloroethene	ND	ND	ND
ans-1,3-Dichloropropene ichloroethene	1*	ND	ND
	NĐ	ND	ND
chlorofluoromethane nyl chloride	NA .	0.0056	0.0091
lenes (Total)	ND -	ND:	ND
renes (Total)	12*	ND	ND
	í	0.0032 J	}